MINNESOTA POLLUTION CONTROL AGENCY IRATHANE SYSTEMS. INC. (13TH AVE.) Hazardous Waste Disclosure Unit

HIBBING

MND022818306



Annual Report Form for Generation of Hazardous Waste Calendar Year 1984

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Annual Report Due March 1, 1985

Explanatory Notes:

- I. Review information supplied.
- 2. Cross out incorrect/outdated information.
- 3. Print new/missing information on blanks provided in dark or colored ink.
- 4. Add new waste streams on green forms (form number 2).
- 5. Date and sign the Annual Report in the space provided below.
- 6. Return to MPCA at:

Minnesota Pollution Control Agency Solid and Hazardous Waste Division 1935 West County Road B2 Roseville, Minnesota 55113-2786

**********	**********	*****		This space is provided for explanations, corrections, and
Waste Generatio	n Site			additions, if necessary.
MND022818306 IRATHANE SYSTEM	5, INC. (13TH	AVE.)		
3516 13TH AVENU HIBBING			55746	
Mailing Address				
IRATHANE SYSTEM	S, INC. (13TH	AVE.)		
P.O. BOX 276 HIBBING		KN	55746	
Responsible Per	sons			
WILLIAM VALERI (218) 262-5211	PRESIDENT			
LAURIE POTTER	CONSULTANT			

This is the location of the site at which the waste is generated. If yours is a multi-site company, a unique Division name should also be included to differentiate your site from every other division site

This is the mailing address - change if need be.

These are the people responsible for managing the hazardous waste and who have the most knowledge about the processes producing wastes and waste identification, transport, and management.

ill in: Pacycre Indust What is done or made by your company

## CERTIFICATION

Date

(218) 666-5437

Principal Products or Service Provided

I cerify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

ATINGS LINIAS

Name (please print) \_\_\_\_\_ LAURIC R' PUTTIK

Dansey Pode

Please sign, date, and return to the MPCA by March 1, 1985.

no poet and

Waste Management IRATHANE SYSTEMS, INC. (13 (Details on each individual waste)	TH AVE.) MND022818306	If you have any questions, call Laurie Jacobson at (612) 296-7736
If information in this column is correct, leave it as is. If it is incorrect, cross it out and supply the correct information in the next column.	This space provided for explanations, corrections, and additions, if necessary.	If you no longer produce this waste enter "No longer produced as of (date)." Review the rest of the sheet and fill in the information requested.
ENTER	ED MAY 17 1985	Date waste generation discontinued: 7/3/84
Inventory Number: H2 Waste Number: MN01	<i></i>	Waste number is the hazardous waste number which
Waste Name PREPOLYMER WASTE (A. Fee)		the rules apply to this type of waste. For example, DOO! means ignitable, MNO3 means PCB's, etc. Call the MPCA Staff person listed on the top of this sheet if you need help.
Type sludge mixed		or this sheet ir you need help.
Disclosure indicates mixed to produce waste (Inventory # N5 )		If you mix this waste with other waste(s) please indicate the inventory number of the other waste stream(s).
Annual amount you provided on your disclosure: 55.00 GA		
Amount Produced in 1984	Fill In: WONE	All generators please fill in. Explain any great discrepancies between the amounts produced in these years and the
Amount you anticipate generating in 1985	Fill In: NONE	disclosed amount.  f All generators please fill in.
Date First Produced _ Before 7/1/83 _ Between 7/1/83 and 2/5/84 _ After 2/5/84	Check One Please.	
Disclosure indicates unpredictable		Review and explain change if need be.
shipment schedule Did you ship this waste in 1984 Yes _√No	Check One Please.	
Do you plan to ship this waste in 1985 Yes _iKoUnknown	Check One Please.	•
	Transporter:	If new or alternate transporters, show changes
	EPA ID:	and additions in space provided.
•	Facility:	If new or alternate facilites, show changes and additions in space provided.
	EPA ID:	additions in space provided.
On-Site Management Method Treatment Prior to Land Disposal		Management method - the treatment or disposal method used by you or the facility for this waste.
		Any changes from on-site to off-site or vice versa, or changes in management method should be noted. Please provide all information to make your file complete.



Waste Management IRATHANE SYSTEMS, INC. (13TH AVE.) (Details on each individual waste) MND022818306

If you have any questions, call Laurie Jacobson at (612) 296-7738

If information in this column is correct, leave it as is. If it is incorrect, cross it out and supply the correct information in the next column. This space provided for explanations, corrections, and additions, if necessary.

If you no longer produce this waste enter "No longer produced as of (date)." Review the rest of the sheet and fill in the information requested.

Any changes from on-site to off-site or vice versa, or changes in management method should be noted. Please provide all information to make

your file complete.

Date waste generation discontinued:アファストラク ENTERED MAY 17 1985 WAY Inventory Number: H3 Waste Number: F002 Waste number is the hazardous waste number which the rules apply to this type of waste. For Waste Name example, DOOI means ignitable, MNO3 means PCB's, SOLV HAL NETHYLENE CHLORIDE POLYURETHANE (12/12) etc. Call the MPCA Staff person listed on the top of this sheet if you need help. If you mix this waste with other waste(s) please indicate the inventory number of the other waste stream(s). Annual amount you provided on your disclosure: 110.00 GA Amount Produced in 1984 All generators please fill in. Explain any great discrepancies between the amounts produced in these years and the disclosed amount. All generators please fill in. Amount you anticipate generating in 1985 Date First Produced Check One Please. \_ Before 7/1/83 \_ Between 7/1/83 and 2/5/84 \_ After 2/5/84 Disclosure indicates unpredictable Review and explain change if need be. shipment schedule Check One Please. Did you ship this waste in 1984 \_Yes /Mó Do you plan to ship this waste in 1985 \_Yes ⊿Mó Unknown Check One Please. Off-Site Transporter Name Transporter: If new or alternate transporters, show changes WORUM CHEMICAL CO. and additions in space provided. EPA ID: EPA ID# MND006213664 Facility Name If new or alternate facilites, show changes and WASTE RESEARCH & RECLAMATION CO. additions in space provided. EPA ID# WID990829475 EPA ID: Management Method Management method - the treatment or disposal Incineration/Thermal Treatment method used by you or the facility for this waste.

		•
Waste Management IRATHANE SYSTEMS, INC. (13 (Details on each individual waste)	TH AVE.) MND022818306	If you have any questions, call Laurie Jacobson at (612) 296-7738
If information in this column is correct, leave it as is. If it is incorrect, cross it out and supply the correct information in the next column.	This space provided for explanations, corrections, and additions, if necessary.	If you no longer produce this waste enter "No longer produced as of (date)." Review the rest of the sheet and fill in the information requested.
######################################	7 1085 A	Date waste generation discontinued: $\frac{7/2/3}{4}$
ENIER	ED MAY 1 7 1985 18	
Inventory Number: NI Waste Number:		Waste number is the hazardous waste number which
Waste Name RESIN WASTES (No Fee)		the rules apply to this type of waste. For example, D001 means ignitable, MNO3 means PCB's, etc. Call the MPCA Staff person listed on the top of this sheet if you need help.
Type solid mixed		· · · · · · · · · · · · · · · · · · ·
Disclosure indicates mixed to produce waste (Inventory # N5 )		If you mix this waste with other waste(s) please indicate the inventory number of the other waste stream(s).
Annual amount you provided on your disclosure: 55.00 GA		
Amount Produced in 1984	Fill In: (Marks)	All generators please fill in. Explain any great discrepancies between the amounts produced in these years and the disclosed amount.
Amount you anticipate generating in 1985	Fill In: Acres	All generators please fill in.
Date First Produced  Before 7/1/83  Between 7/1/83 and 2/5/84  After 2/5/84	Check One Please.	·
Disclosure indicates unpredictable shipment schedule Did you ship this waste in 1984YesMo	Check One Please.	Review and explain change if need be.
Do you plan to ship this waste in 1985 _ Yes No Unknown	Check One Please.	
	Transporter:EPA ID:	If new or alternate transporters, show changes and additions in space provided.
		· If new or alternate facilites, show changes and
	EPA ID:	additions in space provided.
On-Site Management Method Treatment Prior to Land Disposal		Management method - the treatment or disposal method used by you or the facility for this waste.
		Any changes from on-site to off-site or vice versa, or changes in management method should be noted. Please provide all information to make your file complete.

WASTE WAS ALL  WITH STREFMS  LEAVING THE MAC  VALUES WERE A.  OF STREAMS 12-3,	H-2, FATNI COHE H-NE, THOS, NO EMILTING FOR ANY	Jacobson at (612) 296-7738  no longer produce this waste enter nger produced as of (date)." Review the
I W Type solid <del>- not</del> mixed		number is the hazardous waste number which les apply to this type of waste. For e, DOOI means ignitable, MNO3 means PCB's, all the MPCA Staff person listed on the top of this sheet if you need help.
		If you mix this waste with other waste(s) please indicate the inventory number of the other waste stream(s).
Annual amount you provided on your disclosure: 110.00 GA	2500 11.	
Amount Produced in 1984	HIGHER PRODUCTION	amounts produced in these years and the
Amount you anticipate generating in 1985	111 In: 1072 6125	disclosed amount. All generators please fill in.
Date First Produced  Before 7/1/83  Between 7/1/83 and 2/5/84  After 2/5/84	Check One Please.	
Disclosure indicates unpredictable shipment schedule Did you ship this waste in 1984 Yes _ No	Check One Please.	Review and explain change if need be.
Do you plan to ship this waste in 1985  Vies _ No _ Unknown	Check One Please.	
	Transporter: 16274440 EPA ID:	If new or alternate transporters, show changes and additions in space provided.
	Facility:EPA ID:	If new or alternate facilites, show changes and additions in space provided.
On-Site Management Method Treatment Prior to Land Disposal		Management method - the treatment or disposal method used by you or the facility for this waste.
		Any changes from on-site to off-site or vice

noted. Please provide all information to make

your file complete.

West ?

Waste Management IRATHANE SYSTEMS, INC. (13 (Details on each individual waste)	TH AVE.) MND022818306	If you have any questions, call Laurie Jacobson at (612) 296-7738
If information in this column is correct, leave it as is. If it is incorrect, cross it out and supply the correct information in the next column.	This space provided for explanations, corrections, and additions, if necessary.	If you no longer produce this waste enter "No longer produced as of (date)." Review the rest of the sheet and fill in the information requested.
Inventory Number: 04 Waste Monder? M100 Waste Name OIL CRANKCASE WASTE NO FEE	MAX PAR YA	Date waste generation discontinued:
Inventory Number: 04 Waste Mondor? M100		Waste number is the hazardous waste number which
Waste Name OIL CRANKCASE WASTE NO FEE		the rules apply to this type of waste. For example, DOO! means ignitable, MNO3 means PCB's, etc. Call the MPCA Staff person listed on the top of this sheet if you need help.
Type liquid not mixed		or curs sheet in you heed help.
		If you mix this waste with other waste(s) please indicate the inventory number of the other waste stream(s).
Annual amount you provided on your disclosure: 30.00 GA		
Amount Produced in 1984	Fill In: (10 6ALS)	All generators please fill in. Explain any great discrepancies between the amounts produced in these years and the
Amount you anticipate generating in 1985	Fill in: Nonc	disclosed amount. All generators please fill in.
Date First Produced  _ Before 7/1/83  _ Between 7/1/83 and 2/5/84  _After 2/5/84	Check One Please.	
Disclosure indicates unpredictable		Review and explain change if need be.
shipment schedule Did you ship this waste in 1984 _ Yes ∠No	Check One Please.	
Do you plan to ship this waste in 1985  Yes _ No _ Unknown	Check One Please.	
Off-Site Transporter Name WORUM CHEMICAL CO. EPA IO# MND006213664	Transporter: <u>BLR4 OIC</u> <u>EVECETH</u> MIN  EPA ID: <u>MATERIOUSSO</u>	If new or alternate transporters, show changes and additions in space provided.
Facility Name WORUM CHEMICAL CO. EPA ID# MND006213664	Facility: BEKE CIL  EVELE TIE, MINI EPA ID:	If new or alternate facilites, show changes and additions in space provided.
Management Method Recycle/Benefical Use	BENEFICIPE USE	Management method - the treatment or disposal method used by you or the facility for this waste.
•		Any changes from on-site to off-site or vice versa, or changes in management method should be noted. Please provide all information to make your file complete.

MND022818306

This is a summary of the wastes that the MPCA believes you generate. This information has been obtained from disclosures, additional correspondence, site visits, telephone conversations, and manifests. The inventory numbers here and on the following sheets should correspond to those found on your inventory and management forms. We have added initials H, N, and O (H=hazardous, N=nonhazardous, O=oil) to differentiate the different types of waste. We have not included all of the nonhazardous wastes.

The waste names given might be different than the ones you provided. This name is to accommodate our data retrieval system. If you do not think a name sufficiently characterizes the waste provide additional description on each individual waste management sheet.

Inventory #	Waste Name	Disclosed Amount/Year	Management Method
H2	PREPOLYMER WASTE	55.00 GA	Treatment Prior to Land Disposal
Н3	SOLV HAL METHYLENE CHLORIDE POLYURETHANE	110.00 GA	Incineration/Thermal Treatment
NI	RESIN WASTES	55.00 GA	Treatment Prior to Land Disposal
N5	••••••••••••••••••	110.00 GA	Treatment Prior to Land Disposal
04	OIL CRANKCASE WASTE NO FEE	30.00 GA	Recycle/Benefical Use

Waste Quantity

Annual Report Form for Generation of Hazardous Waste Calendar Year 1986 Due March 1, 1987 MPCA, SOLID & HA WASTE DIVISION This space is provided for explanations, corrections, and Waste Generation Site additions, if necessary. MND990878456 IRATHANIE'S PLANT AT 1HIS IRATHANE SYSTEMS INC. ADDRESS WAS SOLD IN 1986 THEBEFORE, 1987 15 THE 3804 E. BELTLINE LAST YEAR THE ANNUAL SERVE FORM WILL BE CONFLETED FOR THIS ADDRESS. 55746 **HIBBING** Mailing Address IRATHANE SYSTEMS INC. 4045 SINTON RD. CCLORADO SPRINGS 80907 CO Responsible Persons JERRY BECKER MGR CF CPERATIO (303) 636-5286 CONSULTANT LAURIE POTTER (218) 666-5437Principal Products or Services Provided CERTIFICATION I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my irquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Unless I am a small quantity generator, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, cr disposal currently available to me which minimizes the present and future threat to human health and the environment. (Please describe waste minimization measures taken on the enclosed sheet.) Name (please print) J. H. BEKER Date 3-1-87

ENTERED APR 03 1987

Incineration/Ibermal Ireatment

04

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MND990878456

Waste Management IRATHANE SYSTEMS INC.

	Waste Management IRATHANE SYSTEMS INC. (Cetails on each individual waste)	MND790878456
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it out and supply the correct information in the next column.	This column is provided for explanations, corrections, and additions, if necessary. If the information in the column at the left is correct, place a "X" in the center column next to that item.
	******	******
1	Inventory Number: _H3 Waste Code: MNC1	
2	Waste Name: SQLY_NONHAL_ECRMAMICE_ISCCYANAIE_WASIE	***************************************
3	Type: liguid_not_mixed	
4	Annual amount you provided on your disclosure or last annual report:220±00 GA	
	Amount produced in 1986:	Fill In: 50 CALLON'S
5	First date ever produced: disclosure currently shows	Check Cne Please  X Before 7/1/83  Between 7/1/83 and 2/5/84  Between 2/5/84 and 1/1/85  Between 1/1/85 and 1/1/85  Between 1/1/86 and 1/1/87
6	Disclosure indicates unpredictable shipment schedule	Review and explain changes.
	Did you ship this waste in 1986	Check One Please. Yes _ No
6 a	Do you plan to ship this waste in 1987:	Check One Plezse _ Yes
7	Off-Site Transporter Name	Transporter:
	MC_KESSON_CHEMICAL_COSMPLS2EPA_ID# MNDC54497052	EPA ID:
	Facility Name	Facility:
	ECKESSON_ENVIROSYSIEMS_CCMPANYEFA IC# ILQ280613213	EPA ID:
8	Management Method Incineration/Ibergal_Ireatment	***************************************
	ENTERED APR 0 3 1987	~~~

	weste management IRATHANE SYSTEMS INC.	MND990878456
	(Details on each inc idual waste)  If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	Thi column is provided for explanations, corrections, and additions, if necessary. If the information in the column at the left is correct, place a "X" in the center column next to that item.
	*****	******
1	Inventory Number: _88 Waste Code: MNG1	
2	Waste Name: PREPOLYMER_WASIE_AND_MIXED_SOLVENIS	***************************************
	Type: sludge_mixed This waste is mixed to produce waste: (Inventory # N17)	
4	Annual amount you provided on your disclosure or last arnual report: 2560.00 GA	
	Amount produced in 1986:	Fill In: NOWE'S GENERATED AS WASTER COMPLEY SOLD IEF SEEC PRODUCTS TO A SURNEUS BHEMICAL COMPLY
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     Between 7/1/83 and 2/5/84     Between 2/5/84 and 1/1/85     Between 1/1/85 and 1/1/86     Between 1/1/86 and 1/1/87     After 1/1/87
6	Number of shipments per year Projected on disclosure4 Actual number of shipments in 1986	Fill In: O
бa	Do you plan to ship this waste in 1987:	Check One Please _ Yas
7		Transporter:
		EPA IO:
		Facility:
		EPA ID:
8	On-Site Management Method Irestment_Prior_is_Lend_Disposal	
	ENTERED APR 0 3 1987	

	(Details on each individual waste)	
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	This column is provided for explanations, corrections, and additions, if necessary. If the information in the column at the left is correct, place a "X" in the center column next to that item.
	***	*******
1	Inventory Number: _E2 Waste Code: MNC1	
2	Waste Name: SQLY_NONHAL/HAL_WASIE_MIXIURE	
	Type: liguid_mixed This waste is mixed to produce waste: (Inventory # N17)	
4	Annual amount you provided on your disclosure or last arnual report:1775.00 GA	
	Amount produced in 1986:	Fill In: NONE:
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     _ Between 7/1/83 and 2/5/84     _ Between 2/5/84 and 1/1/85     _ Between 1/1/85 and 1/1/86     _ Between 1/1/86 and 1/1/87     _ After 1/1/87
6	Number of shipments per year Frojected on disclosure4 Actual number of shipments in 1986	Fill In: O
6 a	Do you plan to ship this waste in 1987:	Check One Please _ Yes _ No _ Unknown
7		Transporter:EPA ID:
		Facility:
		EPA ID:
8	On-Site Management Method  Ireaiment_Prior_jo_Land_Disposal	
	ENTERED APR 0 3 1987	**** **********************************

	(Details on each incividual waste)	This column is provided for
•		explanations, corrections, and
	If information in this column is correct,	additions, if necessary. If the information in the column
•	leave it as is. If it is incorrect or	at the left is correct, place
	missing, cross it out and supply the	a "X" in the center column
	correct information in the next column.	next to that item.
	******	*****
1	Inventory Number: 114 Waste Code: EQQ5	
2	SCLY_NONHAL_CLEANEB_T_MEK_WASIE	
3	Type: liquid_not_mixec	***
4	Annual amount you provided on your disclosure or last annual report:220.00 GA	
	Amount produced in 1986:	Fill In: NONE
		***************************************
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     _ Between 7/1/83 and 2/5/84     _ Between 2/5/84 and 1/1/85     _ Between 1/1/85 and 1/1/86     _ Between 1/1/86 and 1/1/87     _ After 1/1/87
é	Number of shipments per year Frojected on disclosure5 Actual number of shipments in 1986	Fill In: NONE
ća	Do you plan to ship this waste in 1987:	Check One Please _ Yes
7	Off-Site Transporter Name	Transporter:
	MC_KESSON_CHEMICAL_CO(MPLS) EPA IC# MNDC54497C52	EPA ID:
	Facility Name	Facility:
	MENECCON ENVIRONMETENS COMPANY	EPA ID:
8	Management Method Recycle/Eenefical Use	
	ENTERED AND AND	
	ENTERED APR 03 1987	

	(D& (9112 Oli Ageli Tugialardel meace)	
· ,		This column is provided for explanations, corrections, and additions, if necessary. If
	If information in this column is correct,	the information in the column
	leave it as is. If it is incorrect or	at the left is correct, place a "X" in the center column
	missing, cross it cut and supply the correct information in the next column.	next to that item.
	*****	*******
1 2	Inventory Number: #18 Waste Code: MNC2 Waste Name:	.,
2	UNWANIED_LAB_CHEMICALS	
3	Type: solid_not_mixed	
4	Annual amount you provided on your disclosure or last annual report:	
	Amount produced in 1986:	Fill In: NONE
5	First date ever produced:	Check One Please
,	disclosure currently shows	X Before 7/1/83
		<pre>_ Between 7/1/83 and 2/5/84 _ Between 2/5/84 and 1/1/85</pre>
		Between 2/3/34 and 1/1/33 Between 1/1/85 and 1/1/86
		_ Between 1/1/86 and 1/1/87 _ After
6	Number of shipments per year	
	Projected on disclosure <u>2</u> Actual number of shipments in 1986	Fill In: NONE
4 -	Danier alam de abim dhia masta in 4007.	Charle One Blance
60	Do you plan to ship this waste in 1987:	Check One Please Yes _ No _ Unknown
7	Off-Site Transporter Name	Transporter:
	NATIONAL ELECIBIC INC. MND280791321	EPA ID:
	Facility Name	Facility:
	US_POLLUTION_CONTROL < INC. OKDO65438376	EPA ID:
8	Management Method Land Disposal (Landfill)	
	# #   # # # # # # # # # # # # # # # # #	
	_	
	·	
•	P	

	Waste Management IRATHANE SYSTEMS INC. (Details on each inclidual waste)	MNC99C878456
: .*·	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it out and supply the correct information in the next column.	Thi column is provided for explanations, corrections, and additions, if necessary. If the information in the column at the left is correct, place a "X" in the center column next to that item.
	********	*******
1	Inventory Number: N17 Waste Code:	
2	Waste Name: SQLY_NONHAL/HAL_&_PEEPQLYMER_MIXNC_EEE	
3	Type: solid_noi_mixec	
4	Annual amount you provided on your disclosure or last annual report:605C_0C_GA	
	Amount produced in 1986:	Fill In: Noné
5	First date ever produced: disclosure currently shows	Check One Please  X Before 7/1/83  _ Between 7/1/83 and 2/5/84  _ Between 2/5/84 and 1/1/85  _ Between 1/1/85 and 1/1/86  _ Between 1/1/86 and 1/1/87  _ After 1/1/87
6	Number of shipments per year Projected on disclosure4 Actual number of shipments in 1986	Fill In: NONE
ćа	Do you plan to ship this waste in 1987:	Check One Please _ Yes
7		Transporter:
		EPA ID:
		Facility:
		EPA ID:
8	On-Site Management Method Ireatment_Prior_to_Land_Disposal	
	ENTERED APR 03 1987	

8	Management Method Recycle/Benefical_Use  ENTERED APR 0 3 1987	
	Facility Name BERG_OIL_CO. EPA ID#  MNI280011586	FPA IC:
7	Off-Site Transporter Name  BERG_QIL_CO_ EPA ID#  MNI28QQ11586	Transporter:EPA ID:
ćа	Do you plan to ship this waste in 1987:	Check One Please _ Yes No Unknown
6	Number of shipments per year Projected on disclosure1 Actual number of shipments in 1986	Fill In: NONE
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     _ Between 7/1/83 and 2/5/84     _ Between 2/5/84 and 1/1/85     _ Between 1/1/85 and 1/1/86     _ Between 1/1/86 and 1/1/87     _ After 1/1/87
4	disclosure or last arnual report:55:00 GA  Amount produced in 1986:	Fill In: NONE
	Annual amount you provided on your	
• 3	Type: liguid_not_mixec	
2	Waste Name: CIL_CRANKCASE_WASIENC_EEE	
1	Inventory Number: 012 Waste Code: 100	
	******	********
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it out and supply the correct information in the next column.	the information in the column at the left is correct, place a "X" in the center column next to that item.
	(Details on each individual waste)	This column is provided for explanations, corrections, and additions, if necessary. If

IRATHANE SYSTEMS, INC. HIBBING MNDC22818306

Annual Report Form for Generation of Hazardous Waste Calendar Year 1986

Lue March 1, 1987

Call 187 March March March March March 12 March 12 March 12 March March March March March 12 March 12

cate 3-1-87

MAR 0 5 1987

MPCA, SOLID & HAZ

WASTE DIVISION

M ~	This space is provided for
********	explanations, corrections, and
Waste Generation Site	additions, if necessary.
MND022818306	
IRATHANE SYSTEMS, INC.	
3516 13TH AVENUE E.	
HIBBING MN 55746	
******	•••••••••••
Mailing Address	
IRATHANE SYSTEMS, INC.	
AND THE STOTE OF STOT	
4C45 SINTON RD.	
CCLORADO SPRINGS CO 80907	
*************	
Responsible Persons	
JERRY BECKER MGR OF CPERATIONS	
SERVE BECKER MOR OF CPERATIONS	
LAURIE POTTER CONSULTANT	***************************************
(218) 666-5437	
Principal Products or Services Provided	Fill In:
Principal Products or Services Provided	rill in:
CERTETCATION	
CERTIFICATION	
I certify under penalty of law that I have	
familiar with the information submitted in	
and that based on my inquiry of those indiv	
for obtaining the information, I believe th	
true, accurate, and complete. I am aware th	——————————————————————————————————————
penalties for submitting false information,	
fine and imprisonment. Unless I am a small	
certify that I have a program in place to r	
waste generated to the degree I have determ	
practicable and I have selected the method	of treatment, storage, or
disposal currently available to me which mis	nimizes the present and future
threat to human health and the environment.	(Please describe mrste
winimization measures taken on the enclosed	-sheet.)
- , <del>-</del> , ->	
Name (please print) J.H. BECKEL.	
Signature J. H. Becker	

	Waste Management IRATHANE SYSTEMS/ INC. (Details on each individual waste)	MNUCAZETESUS
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	This column is provided for explanations, corrections, and additions, if necessary. If the information in the column at the left is correct, place a "X" in the center column next to that item.
	*********	********
1	Inventory Number: _E2 Waste Code: MNQ1	
2	Waste Name:  PREPOLYMER_WASIE	
	Type: sludge_mixed This waste is mixed to produce waste: (Inventory # N5 )	
4	Annual amount you provided on your disclosure or last arnual report:	
	Amount produced in 1986:	Fill In: NONE
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     Between 7/1/83 and 2/5/84     Between 2/5/84 and 1/1/85     Between 1/1/85 and 1/1/86     Between 1/1/86 and 1/1/87     After 1/1/87
6	Disclosure indicates unpredictable shipment schedule	Review and explain charges.
6 a	Did you ship this waste in 1986  Do you plan to ship this waste in 1987:	Check One Plezse Yes
	So you plan to ship this weste in trois.	_ Yes _ Nc _ Unknown
7		Transporter:
	·	EPA ID:
		Facility:
		EPA ID:
8	On-Site Management Method Irezimeni_Prior_ic_Land_Disposal	

	(Cetails on each incividual waste)	
		The column is provided for
	•	explanations, corrections, and
		additions, if necessary. If
	If information in this column is correct,	the information in the column
	leave it as is. If it is incorrect or	at the left is correct, place
	missing, cross it out and supply the	a "X" in the center column
	correct information in the next column.	next to that item.
	COLLACT THE CITCH THE COLORS	1702 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	********	******
1	Inventory Number: _t3 Waste Code: FQQ2	*****************
2	Waste Name:	
	SCLY_HAL_POLYUREIHANENC_EEE	
3	Type: liquid_mixec	
	This waste is mixed to produce waste:	
	(Inventory # N5 )	
4	Annual amount you provided on your	
	disclosure or last annual report:	
	C.QC GA	
	Amount produced in 1986:	Fill In: ( 750 GALLONS)
	Amount produced In 1988.	
5	First date ever produced:	Check One Please
,		X Before 7/1/83
	disclosure currently shows	_ Between 7/1/83 and 2/5/84
		_ Between 2/5/84 and 1/1/85
		_ Between 1/1/85 and 1/1/86
		_ Between 1/1/86 and 1/1/37
		_ After 1/1/87
4	Disalaruma indicatas (annodistable	Douglas and explain changes
6	Disclosure indicates unpredictable shipment schedule	Review and explain changes.
	Did you ship this waste in 1986	Check One Please.
	uld you ship this waste in 1900	Yes No
	n 1 A A	
oa	Do you plan to ship this waste in 1987:	Check One Please
		Yes No _ Unknown
7	Off-Sita Transporter Name - All 12	6
7	Oil Site iransporter wama	Transporter:
	WORUM CHEMICAL CC	MCKESSON CHEMICAL
	EPA ID# MNDOG6213664 \	EFA ID: MND - 0544 97052
	Paul 9 & A. Nieuro	Facilities of the same of the
	Facility Name	Facility:
	WASTE RESEARCH & RECLAMATION CO.	MCKESSON CHEMICAL
	EPA IC# <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	EFA ID: NNO-054497052
8	Management Method	
	Incineration/Ibermal_Ireatment	
	ENTERED APR 03 1987	
	EMILITO DI 1001	

	(Cetails on each individual waste)	This column is provided for explanations, corrections, and additions, if necessary. If
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it out and supply the correct information in the next column.	the information in the column at the left is correct, place a "X" in the center column next to that item.
	*****	********
1	Inventory Number: _N1 Waste Code:	•
2	Waste Name: RESIN_WASIESNC_EEE	
	Type: <pre>solid_mixeq</pre> This waste is mixed to produce waste: (Inventory # N5 )	
4	Annual amount you provided on your disclosure or last annual report:O_OC GA	
	Amount produced in 1986:	Fill In: NONE
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     _ Between 7/1/83 and 2/5/84     _ Between 2/5/84 and 1/1/85     _ Between 1/1/85 and 1/1/36     _ Between 1/1/86 and 1/1/87     _ After 1/1/87
6	Disclosure indicates unpredictable shipment schedule	Review and explain changes.
	Did you ship this waste in 1986	Check One Please Yes No
62	Do you plan to ship this waste in 1987:	Check One Please _ Yes No Unknown
7		Transporter:
		EPA IC:
		Facility:
		EPA ID:
8	On-Site Management Method  Ireaimeni_Prier_is_Land_Cisposal	

	Waste Management IRAIFANE SYSTEMS/ INC.	MINDUZZOTOJUC
	(Details on each individual waste)  If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	The column is provided for explanations, corrections, and additions, if necessary. If the information in the column at the left is correct, place a "X" in the center column next to that item.
	****	*******
1	Inventory Number: <u>N5</u> Waste Code:	
2	Waste Name: UREIHANE ELUSH PLUG	200 gli go.
3	Type: solid_not_mixec	XIO ja glag
4	Annual amount you provided on your disclosure or last annual report: 560C_0C_LB  Amount produced in 1986:  4000 #3	Fill In:
5	First date ever produced: disclosure currently shows	Check One Please     X Before 7/1/83     _ Between 7/1/83 and 2/5/84     _ Between 2/5/84 and 1/1/85     _ Between 1/1/85 and 1/1/86     _ Between 1/1/86 and 1/1/87     _ After 1/1/87
	Disclosure indicates inpredictable shipment schedule Did you ship this waste in 1986  Do you plan to ship this waste in 1987:	Review and explain changes.  Check One Please.  Yes _ Nc Check One Please Yes _ Nc _ Unknown
7		Transporter:EPA ID:
		Facility:
8	On-Site Management Method Ireatment_Prior_tc_Land_Disposal	***************************************
	ENTERED APR 0 3 1987	

	(Details on each individual waste)	11 <b>1100EE</b> 01050
,		This column is provided for explanations, corrections, and additions, if necessary. If
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it out and supply the correct information in the next column.	the information in the column at the left is correct, place a "X" in the center column next to that item.
	*********	*********
1	Inventory Number: _Q4 Waste Code: M100	
2	Waste Name:	
3	Type: liquid_not_mixeo	
4	Annual amount you provided on your disclosure or last arnual report:	
	Amount produced in 1986:	Fill In: NONE
		***************************************
5	First date ever produced: disclosure currently shows	Check One Please  X Before 7/1/83  _ Between 7/1/83 and 2/5/84  _ Between 2/5/84 and 1/1/85  _ Between 1/1/85 and 1/1/36  _ Between 1/1/86 and 1/1/57  _ After 1/1/87
6	Disclosure indicates unpredictable shipment schedule	Review and explain changes.
	Did you ship this waste in 1986	Check One Please. Yes No
6 a	Do you plan to ship this waste in 1987:	Check One Please Yes _ No _ Unknown
7	Off-Site Transporter Name <u>BERG OIL CO.</u> EPA IC#  MNI280011580	Transporter:  MCBESSON CHEMICAL CO  EPA ID: MOD-05-4497652-
	Facility Name  BERG_QIL_CQ_ EPA ID#  MNI28QQ11586	Facility:  MC/16E-SSON CHEMICAC CO  EPA ID: MND-054457052
8	Management Method  Recycle/Renefical_Use	INCINETION TERMAL THERIMENT
	ENTERED APR 0 3 1987	
	•	

Annual Report Form for Generation of Hazardous Waste Calendar Year 1987

Eue March 1, 1988

MPCA Use Cnly	Maria	1988 ED	JAN 28 1988	
SIC CODES: 3079	WASTE	13/388		
GEN SIZE: S	MOCA, MASTE O	VISION US		
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******	*****		planations, correction	
waste Generation Site		аd	citions, if necessary.	
MND022818306				
IRATHANE SYSTEMS, INC	•			
3516 13TH AVENUE E.				
FIBBING				
******	*****	*****		
Mailing Address	_			
IRATHANE SYSTEMS, INC	•			
1010 000000				
4045 SINTON RD.	6.0	25.05.7		
CCLORADO SPRINGS		20907		
Responsible Persons	*******	*****		
JERRY BECKER MGR CF (	PEDATIONS			
( ) -	PERFITONS			
LAURIE POTTER CONS	SI'I TANT			
(218) 666-5437				
Principal Products or S	Services Provid	dec fi	11 In: <i>POLYMAE_1HA</i>	NE
			CASI MASI	٠ ـ ـ ـ ـ ـ ـ
CERTIFICATION				
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fine and imprisonment.				
reduce the volume and t			<del>-</del>	
determined to be econor				
of treatment, storage,	or disposal cu	urrently a	vailable to me which m	inimize
the present and future				(Please
describe waste minimiza	tion measures	taken on	the enclosed sheet.)	
	To all N	RENE	and the second s	
Name (please print)	YCYYY A		<u> </u>	
Signature	Becker			
Date 2-29-88		·		

•	Waste Management IRATHANE SYSTEMS, INC. (Cetails on each individual waste)	MNEC2261838
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	in the column at the left is correct, place an X in this
	********	*********
1	Inventory Number: <u>H2</u> Waste Code: <u>MNQ1</u>	
2	Waste Name:  EREPOLYMER_WASIE  NO FEE	***************************************
	Type: sludge_mixec This waste is mixec to produce waste: (Inventory # N5 )	
4	Annual amount you provided on your cisclosure or last annual report:	
	Amount produced in 1987:	Fill In: 000 64LLONS
	·	
5	First year ever produced: disclosure currently shows	Check One Please X (Before) 1985 _ 1985 _ 1986 _ 1987 _ 1988
ć	Disclosure indicates unpredictable	Review and explain charges.
	shipment schedule Did you ship this waste in 1967	Check One Please Yes No
ća	How many times are you planning to ship this waste in 1988?	Fill In: 0 7/465
7		Transporter:
,		EFA IO:
		Facility:
		EFA ID:
8	On-Site Management Method Ireatment Prior to Land Disposal	

	Waste Management IRATHANE SYSTEMS, INC. (Details on each ind idual waste)	MNDC22816306
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and sucply the correct information in the next column.	This column is provided for explanations/corrections/ acditions. If the information in the column at the left is correct, place an X in this column next that item.
	*********	******
1	Inventory Number: <u>H3</u> kaste Code: <u>FCC2</u>	
2	Waste Name:  SCLY_HAL_POLYUREIHANENC_EEE	
	Type: <a href="mailto:liguid_mixec">liguid_mixec</a> This waste is mixed to produce waste:	***************************************
	(Inventory # N5 )	***************************************
4	Annual amount you provided on your disclosure or last arnual report:750.00 GA	
	Amount produced in 1987:	Fill In. 800 GALLONS
5	First year ever produced: cisclosure currently shows	Check One Please X (Before) 1985 _ 1985 _ 1986 _ 1987 _ 1988
ć	Disclosure indicates unpredictable shipment schedule Did you ship this waste in 1987	Review and explain charges.  Check One Please.  Yes _ No
ća	How many times are you planning to ship this waste in 1988?	Fill In 50 71 mes
7	Off-Site Transporter Name	Transporter:
	YAN_WATERS_AND_ECGEES	EPA IC:
	Facility Name  YAN_WAIERS_AND_ECGERS EFA ID#  MNDC54497052	Facility:EFA ID:
ક	Management Method Incineration/Ibermal Irestment	
	ENTERED MAR 07 1988	

	Waste Management IRATHANE SYSTEMS, INC. (Details on each individual waste)	MADC2231830
	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	in the column at the left is correct, place an X in this
	**********	**********
1	Inventory Number: _N1 kaste Code:	
2	Waste Name:  RESIN_WASIES	
	Type: <pre>solidmixed</pre> This waste is mixed to produce waste: (Inventory # N5 )	
4	Annual amount you provided on your disclosure or last annual report:	
	Arcunt produced in 1987:	Fill In: 0.00 6465
5	First year ever produced: cisclosure currently shows	Check One Please X (Before) 1985 _ 1985 _ 1986 _ 1987 _ 1988
ć	Disclosure incicates unpreciotable shipment schedule	Review and explain changes.
	Did you ship this waste in 1987	Check One Please. Yes // No
ćа	How many times are you planning to ship this waste in $1988$ ?	Fill In: 0 TIMES
7		Transporter:
		Facility:EPA ID:
8	On-Site Management Method Ireatment_Prior_to_Land_Ciscosal	

. ,	Waste Management IRATHANE SYSTEMS, INC. (Details on each indical waste)	MNDC2281830
	leave it as is. If it is incorrect or	This column is provided for explanations/corrections/ additions. If the information in the column at the left is correct, place an X in this column next that item.
	********	****
1	Inventory Number: No Weste Code:	
2	Waste Name: UBEIHANE ELUSH FLUG	
3	Type: solid_not_mixec	
4	Arnual amount you provided on your disclosure or last arnual report:	
	Arrount produced in 1987:	Fill In: (524010)
		•••••••
5	First year ever produced: cisclosure currently shows	Check One Please X (Before) 1985 _ 1985 _ 1986 _ 1987 _ 1988
ć	Disclosure indicates unpredictable shipment schedule	Review and explain changes.
	Did you ship this waste in 1987	Creck One Please.
ća	How many times are you planning to ship this waste in 1988?	Fill In: WEEMLY
7		Transporter: IBATHORE:
		Facility:
8	On-Site Management Method Irestment_Prior_to_Land_Discosal	
	ENTERED MAR 07 1988	

	If information in this column is correct, leave it as is. If it is incorrect or missing, cross it cut and supply the correct information in the next column.	This column is provided for explanations/corrections/ additions. If the information in the column at the left is correct, place an X in this column next that item.
	****	*********
1	Inventory Number: _04 haste Code: M100	
2	Waste Name:  CIL_CRANKCASE_WASIENC_EEE	
3	Type: liquid_not_mixec	
4	Arnual amount you provided on your disclosure or last arnual report:	
	Amount produced in 1987:	Fill In: 150 GALLONS
5	First year ever produced: cisclosure currently shows	Check Cne Please
ć	Disclosure indicates unpredictable shipment schedule Did you ship this waste in 1987	Review and explain changes.  Check One Please.
ća	How many times are you planning to ship this waste in 1983?	Yes No Fill In: ONE TIME
7	Off-Site Transporter Name	Transporter:
	YAN_WAIERS_AND_ECGEES	EFA ID:
	Facility Name	Facility:
	YAN WATERS AND ROGERS MND054457052	EPA IC:
8	Management Method Incineration/Ibermal_Irestment	
	ENTERED MAR 07 1988	